

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A fuel cell comprising:
an anode in contact with an alkaline earth carbonate, activated carbon and water;
a cathode in contact with carbon dioxide and oxygen;
a ceramic cloth membrane that separates the anode and the cathode;
an electrolyte comprising a hydrated alkaline earth chloride selected from the group consisting of hydrated magnesium chloride, hydrated calcium chloride, hydrated strontium chloride, and mixtures thereof;
~~a carbon fuel~~
said fuel cell being operable at a temperature of between about 135°C and about 170°C.
2. (Cancelled)
3. (Currently amended) The fuel cell of Claim 1, wherein the carbon in contact from the electrode comprises carbon recovered from organic waste.
- 4-28. (Cancelled)